

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Reinscheid et al.  
Appl. No.: Unknown  
Conf. No.: Unknown  
Filed: Herewith  
Title: NUCLEIC ACIDS CODING FOR ADHESION FACTOR OF GROUP B  
STREPTOCOCCUS, ADHESION FACTORS OF GROUP B  
STREPTOCOCCUS AND FURTHER USES THEREOF  
Art Unit: Unknown  
Examiner: Unknown  
Docket No.: 116676-006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form be made during the course of examination of the above-identified application for United States patent. Pursuant to 37 C.F.R. 1.98, copies of all foreign patent documents and non-patent documents are enclosed.

**U.S. PATENT DOCUMENTS**

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
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**FOREIGN PATENT DOCUMENTS**

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
WO 00/06736 A	10 February 2000	United Kingdom

**OTHER DOCUMENTS**

GLASER ET AL.: "Genome sequence of Streptococcus agalactiae, a pathogen causing invasive neonatal disease," MOLECULAR MICROBIOLOGY, vol. 45, no. 6, 27 September 2002, page 1499-1513

TETTELIN HERVE ET AL: "Complete genome sequence and comparative genomic analysis of an emerging human pathogen, serotype V Streptococcus agalactiae," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 99, no. 19, 17 September 2002, pages 12391-12396

JC13 PCT/PTO 15 APR 2005

MEEHAN M. ET AL: "AFFINITY PURIFICATION AND CHARACTERIZATION OF A FIBRINOGEN-BINDING PROTEIN COMPLEX WHICH PROTECTS MICE AGAINST LETHAL CHALLENGE WITH STREPTOCOCCUS EQUI SUBSP. EQUI," MICROBIOLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 144, no. 4, 1998, pages 993-1003-1130

SCHUBERT AXEL ET AL: "A fibrinogen receptor from group B Streptococcus interacts with fibrinogen by repetitive units with novel ligand binding sites," MOLECULAR MICROBIOLOGY, vol. 46, no. 2, 24 October 2002, pages 557-569

DATABASE EMBL 'Online! GLASER ET AL.: "Streptococcus agalactiae genome sequence, use for developing vaccines, diagnostic tools and for identifying therapeutic targets," retrieved from EMBL Database accession no. AX602133

DATABASE EMBL 'Online!, 1 July 2002, TELFORD ET AL.: "Nucleic acids and proteins from Streptococcus groups a & b," Database accession no. CQ655069

OSAKI M. ET AL.: "CHARACTERIZATION OF STREPTOCOCCUS SUI GENES ENCODING PROTEINS HOMOLOGOUS TO SORTASE OF GRAM-POSITIVE BACTERIA," JOURNAL OF BACTERIOLOGY, WASHINGTON, DC, US, vol. 184, no. 4, February 2002, pages 971-982

JACOBSSON KARIN: "A novel family of fibrinogen-binding proteins in Streptococcus agalactiae," VETERINARY MICROBIOLOGY, vol. 96, no. 1, 8 October 2003, pages 103-113

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

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Dated: 13 April 2005

<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)  PTO Form 1449	Atty Docket No. 116676-0	Application No. 10/531659
	Applicant Reinscheid et al.	
	Filing Date 15 April 2005	Group Unknown

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		WO 00/06736 A	2/10/00	United Kingdom				

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
		GLASER ET AL.: "Genome sequence of Streptococcus agalactiae, a pathogen causing invasive neonatal disease," MOLECULAR MICROBIOLOGY, vol. 45, no. 6, 27 September 2002, page 1499-1513
		TETTELIN HERVE ET AL: "Complete genome sequence and comparative genomic analysis of an emerging human pathogen, serotype V Streptococcus agalactiae," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 99, no. 19, 17 September 2002, pages 12391-12396

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	MEEHAN M. ET AL: "AFFINITY PURIFICATION AND CHARACTERIZATION OF A FIBRINOGEN-BINDING PROTEIN COMPLEX WHICH PROTECTS MICE AGAINST LETHAL CHALLENGE WITH STREPTOCOCCUS EQUI SUBSP. EQUI," MICROBIOLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 144, no. 4, 1998, pages 993-1003-1130
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